Diane M. Green
Sellersburg Stone Company
P.O. Box D
Sellersburg, IN 47172

Re: 019-11859
Administrative Permit Amendment to
FESOP 019-5424-03109

Dear Ms. Green:

Sellersburg Stone Company was issued a federally enforceable state operation permit (FESOP) on December 9, 1996 for two asphalt plants located at 1019 East Utica Street, Sellersburg, IN 47172. A letter requesting a revision was received on January 24, 2000. The request was made to add two storage bins to Plant #1.

The modification has a potential to emit which is classifiable as an insignificant activity under 326 IAC 2-7-1(21)(A). Pursuant to the provisions of 326 IAC 2-8-10 the permit is hereby administratively amended as follows:

A.3 Insignificant Activities
This stationary source also includes the following insignificant activities, as defined in 326 IAC 2-7-1~~(20)~~ **(21)**:

(a) One (1) hot oil heater, fired by natural gas and rated at 5 million British thermal units. The heater exhausts at stack SV2.

(b) One (1) hot oil heater, fired by natural gas and rated at 1.5 million British thermal units.

(c) Replacement or repair of electrostatic precipitators, bags in baghouses, and filters in other air filtration equipment.

(d) A laboratory as defined in 326 IAC 2-7-1~~(20)(C)~~ **(21)(D)**.

(e) One (1) material storage and handling process, with a maximum storage capacity of 15,000 tons for limestone, 10,000 tons for sand, and 2,000 tons for reclaimed asphalt pavement (RAP), utilizing a wetting system for particulate control.

(f) One (1) hot oil heater, fired by natural gas with a maximum heat input capacity of 1.4 million British thermal units per hour. The heater exhausts at stack SV2-2.

(g) Two (2) cold feed storage bins with belt feeders. Each bin has maximum capacity of 32 tons of virgin aggregate. The belt feeders have a maximum capacity of 300 tons per hour.

All other conditions of the permit shall remain unchanged and in effect. Please attach a copy of this amendment and the following revised permit pages to the front of the original permit.

This decision is subject to the Indiana Administrative Orders and Procedures Act - IC 4-21.5-3-5. If you have any questions on this matter, please contact Allen R. Davidson at (800) 451-6027, press 0 and ask for extension 3-5693, or dial (317) 233-5693.

Sincerely,

Paul Dubenetzky, Chief
Permits Branch
Office of Air Management

Attachments
ARD

cc: File - Clark County
U.S. EPA, Region V
Clark County Health Department
Air Compliance Section Inspector - Joe Foyst
Compliance Data Section - Karen Nowak
Administrative and Development - Janet Mobley
Technical Support and Modeling - Michele Boner

FEDERALLY ENFORCEABLE STATE OPERATING PERMIT (FESOP) OFFICE OF AIR MANAGEMENT

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015
Phone: 1-800-451-6027

Sellersburg Stone Company Inc.
1019 East Utica Street
Sellersburg, Indiana 47172

(Herein known as the Permittee) is hereby authorized to operate subject to the conditions contained herein, the facilities listed in Section A (Source Summary) of this permit.

This permit is issued in accordance with 326 IAC 2 and 40 CFR Part 70 and contains the conditions and provisions specified in 326 IAC 2-8 and 40 CFR Part 70.6 as required by 42 U.S.C. 7401, et. seq. (Clean Air Act as amended by the 1990 Clean Air Act Amendments) and IC 13-15 and IC 13-17 (prior to July 1, 1996, IC 13-1-1-4 and IC 13-7-10).

Operation Permit No.: F019-5424-03109	
Issued by: Paul Dubenetzky, Branch Chief Office of Air Management	Issuance Date: December 9, 1996

First Minor Modification 019-8782	Issuance Date: October 14, 1997
Second Minor Modification 019-9865	Issuance Date: September 14, 1998
First Significant Modification 019-9885	Issuance Date: October 28, 1998
First Significant Permit Revision: 019-11077	Issuance Date: October 25, 1999

First Administrative Amendment 019-11859-03109	Pages Affected: 4, 4a
Issued by: Paul Dubenetzky, Branch Chief Office of Air Management	Issuance Date:

SECTION A SOURCE SUMMARY

A.1 General Information

The Permittee owns and operates two (2) stationary hot drum-mix asphalt plants.

Responsible Official:	Diane M. Green
Source Address:	1019 East Utica Street, Sellersburg, IN 47172
Mailing Address:	P.O. Box D, Sellersburg, IN 47172
SIC Code:	2951
County Location:	Clark
County Status:	Nonattainment for ozone Attainment for all other criteria pollutants
Source Status:	Synthetic Minor Source, FESOP Program

A.2 Emission Units and Pollution Control Summary

The stationary source consists of the following emission units and pollution control devices:

Plant #1:

(a) One (1) 30,000 gallon liquid asphalt storage tank for asphalt cement.

(b) One(1) 20,000 gallon liquid asphalt storage tank for asphalt cement.

(c) One (1) hot drum mixer, identified as Unit #2, with a maximum capacity of 600 tons of asphalt per hour, equipped with one (1) drum mix dryer utilizing natural gas at a maximum rated capacity of 200 million British thermal units per hour (MMBtu/hr), using one (1) baghouse for particulate control, and exhausting to one (1) stack, S/V ID #1.

Plant #2

(d) One (1) drum dryer/mixer with a maximum throughput of 300 tons per hour utilizing a dryer burner fired by natural gas with a maximum heat input capacity of 116 million British thermal units per hour (MMBtu/hr). The dryer/mixer exhausts at stack SV2-1.

(e) One (1) baghouse with a total filter area of 7975 ft^2.

(f) Two (2) 30,000 gallon liquid asphalt storage tanks.

(g) One (1) 15,000 gallon liquid asphalt storage tank.

A.3 Insignificant Activities

This stationary source also includes the following insignificant activities, as defined in 326 IAC 2-7-1(21):

(a) One (1) hot oil heater, fired by natural gas and rated at 5 million British thermal units. The heater exhausts at stack SV2.

(b) One (1) hot oil heater, fired by natural gas and rated at 1.5 million British thermal units.

(c) Replacement or repair of electrostatic precipitators, bags in baghouses, and filters in other air filtration equipment.

(d) A laboratory as defined in 326 IAC 2-7-1(21)(D).

(e) One (1) material storage and handling process, with a maximum storage capacity of 15,000 tons for limestone, 10,000 tons for sand, and 2,000 tons for reclaimed asphalt pavement (RAP), utilizing a wetting system for particulate control.

(f) One (1) hot oil heater, fired by natural gas with a maximum heat input capacity of 1.4 million British thermal units per hour. The heater exhausts at stack SV2-2.

(g) Two (2) cold feed storage bins with belt feeders. Each bin has maximum capacity of 32 tons of virgin aggregate. The belt feeders have a maximum capacity of 300 tons per hour.

A.4 FESOP Applicability [326 IAC 2-8-2]
This stationary source, otherwise required to have a Part 70 permit as described in 326 IAC 2-7-2(a), has applied to Indiana Department of Environmental Management (IDEM), Office of Air Management (OAM) for a Federally Enforceable State Operating Permit (FESOP).

SECTION D.1 FACILITY OPERATION CONDITIONS

Plant #1
One (1) hot drum mixer, identified as Unit #2, with a maximum capacity of 600 tons of asphalt per hour, equipped with one (1) drum mix dryer utilizing natural gas at a maximum rated capacity of 200 million British thermal units per hour (MMBtu/hr), using one (1) baghouse for particulate control, and exhausting to one (1) stack, S/V ID #1.

Plant #2
One (1) drum dryer/mixer with a maximum throughput of 300 tons per hour utilizing a dryer burner fired by natural gas with a maximum heat input capacity of 116 million British thermal units per hour (MMBtu/hr), using one (1) baghouse for particulate control, and exhausting to stack SV2-1.

Emissions Limitations [326 IAC 2-8-4(1)]

D.1.1 Nitrogen Oxides (NO_x)

The combined total usage of natural gas in the Plant #1 and Plant #2 dryer burners shall be limited to 682.15 million cubic feet per twelve (12) consecutive month period. This is equivalent to NO_x emissions of 95.5 tons per twelve (12) consecutive months. Due to this limit, the Emission Offset (326 IAC 2-3) and the Prevention of Significant Deterioration (326 IAC 2-2 and 40 CFR 52.21) rules do not apply.

D.1.2 Particulate Matter (PM)

Federal: Pursuant to the New Source Performance Standards, 326 IAC 12 (40 CFR 60.90 - 60.93, Subpart I), particulate matter emission from the asphalt plants shall not exceed 0.04 grains per dry standard cubic foot (gr per dscf). This is equivalent to particulate matter emission rates of 21.44 pounds per hour and 13.96 pounds per hour from Plants #1 and #2, respectively.

State: Pursuant to 326 IAC 6-1-2 (Particulate Emissions Limitations), the particulate matter emission from the asphalt plants shall not exceed 0.03 grains per dry standard cubic foot (gr per dscf). This is equivalent to particulate matter emission rates of 16.08 pounds per hour and 10.47 pounds per hour from Plants #1 and #2, respectively.

D.1.2a Particulate Matter (PM)

The combined total production of asphalt mix in Plant #1 and Plant #2 shall be limited to 4,000,000 tons per twelve (12) consecutive month period. During the first twelve (12) months of operation, the production of asphalt mix shall be limited such that the total production divided by the accumulated months of operation shall not exceed 333,333 tons per month. This production limit is equivalent to PM emissions of 162.7 tons per twelve (12) consecutive months from the asphalt plant dryers/mixers, conveying and handling, and unpaved road traffic. Due to this limit, the Prevention of Significant Deterioration (326 IAC 2-2 and 40 CFR 52.21) rules do not apply.

D.1.3 Particulate Matter 10 Microns (PM-10)

Pursuant to 326 IAC 2-8-4, particulate matter 10 microns emissions from the Plant #1 and Plant #2 aggregate dryer/mixers shall not exceed 0.0325 pounds per ton of asphalt mix produced, each, including both filterable and condensible fractions. Compliance with this limit will satisfy 326 IAC 2-8-4. Therefore, the Part 70 rules (326 IAC 2-7) do not apply.

D.1.4 Opacity [326 IAC 12] [40 CFR 60.90, Subpart I]

Pursuant to 326 IAC 12, (40 CFR Part 60.92, Subpart I) "Standards of Performance for Hot Mix Asphalt Facilities", the mixing and drying operations shall not discharge or cause the discharge into the atmosphere any gases which exhibit 20% opacity or greater.

D.1.5 Volatile Organic Compounds (VOC) [326 IAC 8-5-2]

(a) Pursuant to 326 IAC 8-5-2 (Miscellaneous Operations: Asphalt Paving), no person shall cause or allow the use of cutback asphalt or asphalt emulsion containing more than seven percent (7%) of distillate by volume of emulsion for any paving application except:

(1) penetrating prime coating;
(2) stockpile storage;
(3) application during the months of November, December, January, February, and March.

(b) Cutback asphalt or asphalt emulsion containing oil distillate or other volatile organic compounds (VOC) other than liquid asphalt shall not be produced at this source without prior review and approval by OAM. Compliance with this part of this condition satisfies part (a) of this condition, but does not preclude the use of water based emulsifying agents in the production of cold mix asphalt.

D.1.5a Volatile Organic Compounds (VOC)

The input VOC usage in the production of cold mix cutback asphalt shall be limited to 78.6 tons per twelve (12) consecutive month period. During the first twelve (12) months of operation, the input VOC usage shall be limited such that the total usage divided by the accumulated months of operation shall not exceed 6.55 tons per month. This is equivalent to VOC emissions of 75.5 tons per twelve (12) consecutive month period based on 95% volatilization. Therefore, the Emission Offset (326 IAC 2-3) and Part 70 rules (326 IAC 2-7) do not apply.

D.1.6 Preventive Maintenance Plan [326 IAC 2-8-4(9)]

A Preventive Maintenance Plan, in accordance with Section B - Preventive Maintenance Plan, of this permit, is required for these facilities and their respective control devices.

Compliance Determination Requirements

D.1.7 Testing Requirements [326 IAC 2-8-5(a)(1), (4)]

Within 180 days after issuance of Significant Modification No. 019-9885, the Permittee shall perform PM and PM-10 testing on the Plant #1 dryer/mixer exhaust, and within 60 days of reaching maximum capacity, but no longer than 180 days after startup, the Permittee shall perform PM and PM-10 testing on the Plant #2 dryer/mixer exhaust. These tests shall utilize Methods 5 or 17 (40 CFR 60, Appendix A) for PM and Methods 201 or 201A and 202 (40 CFR 51, Appendix M) for PM-10, or other methods as approved by the Commissioner. These tests shall be repeated at least once every five (5) years from the date of this valid compliance demonstration. PM-10 includes filterable and condensible PM-10. In addition to these requirements, IDEM may require compliance testing when necessary to determine if the facility is in compliance.

Compliance Monitoring Requirements [326 IAC 2-8-4] [326 IAC 2-8-5(a)(1)]

D.1.8 Particulate Matter (PM)

The baghouse for PM control on each dryer/mixer shall be in operation at all times when the associated asphalt plant is in operation and exhausting to the outside atmosphere.

D.1.9 Visible Emissions Notations

(a) Daily visible emission notations of each asphalt plant stack exhaust shall be performed during normal daylight operations when exhausting to the atmosphere. A trained employee shall record whether emissions are normal or abnormal.

(b) For processes operated continuously, "normal" means those conditions prevailing, or expected to prevail, eighty percent (80%) of the time the process is in operation, not counting startup or shut down time.

(c) In the case of batch or discontinuous operations, readings shall be taken during that part of the operation that would normally be expected to cause the greatest emissions.

(d) A trained employee is an employee who has worked at the plant at least one (1) month and has been trained in the appearance and characteristics of normal visible emissions for that specific process.

(e) The Compliance Response Plan for this unit shall contain troubleshooting contingency and response steps for when an abnormal emission is observed.

D.1.10 Parametric Monitoring

(a) The Permittee shall record the total static pressure drop across the baghouses used in conjunction with the asphalt plants, at least once weekly when each asphalt plant is in operation and venting to the atmosphere. Unless operated under conditions for which the Compliance Response Plan specifies otherwise, the pressure drop across the baghouses shall be maintained within the range of 3.0 and 5.0 inches of water for the Plant #1 baghouse and 3.0 and 6.0 inches of water for the Plant #2 baghouse or a range established during the latest stack test. The Compliance Response Plan for this unit shall contain troubleshooting contingency and response steps for when the pressure reading is outside of the above mentioned range for any one reading.

The instrument used for determining the pressure shall comply with Section C - Pressure Gauge Specifications, of this permit, shall be subject to approval by IDEM, OAM, and shall be calibrated at least once every six (6) months.

(b) The inlet temperature to each baghouse shall be maintained within a range of 250-320 degrees Fahrenheit (^{o}F) to prevent overheating of the bags and to prevent low temperatures from mudding up the bags.

D.1.11 Baghouse Inspections

An inspection of all bags shall be performed for each baghouse every calender quarter. All defective bags shall be replaced.

D.1.12 Broken Bag or Failure Detection

In the event that bag failure has been observed:

(a) The affected compartments will be shut down immediately until the failed units have been repaired or replaced. For single compartment baghouses, failed units and the associated process will be shut down immediately until the failed units have been repaired or replaced.

(b) Within eight (8) hours of the determination of failure, response steps according to the timetable described in the Compliance Response Plan shall be initiated, For any failure with corresponding response steps and timetable not described in the Compliance Response Plan, response steps shall be devised within eight (8) hours of discovery of the failure and shall include a timetable for completion

Record Keeping and Reporting Requirement [326 IAC 2-8-4(3)] [326 IAC 2-8-16]

D.1.13 Record Keeping Requirements

(h) To document compliance with Condition D.1.1, D.1.2a and D.1.5a, the Permittee shall maintain records in accordance with the items below.

(1) Monthly records of the natural gas used in each asphalt plant dryer burner.

(2) Monthly records of the amount of asphalt mix produced at each asphalt plant.

(3) The amount and VOC contents of each diluent used in the production of cold mix cutback asphalt at each plant. Records shall include purchase orders, invoices, and material safety data sheets (MSDS) necessary to verify the type and amount used.

The Permittee shall retain records of all recording/monitoring data and support information for a period of five (5) years, or longer if specified elsewhere in this permit, from the date of the monitoring sample, measurement, or report. Support information includes all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by this permit.

(i) To document compliance with Condition D.1.11, the Permittee shall maintain records of daily visible emission notations of the aggregate dryer baghouse stack exhaust.

(j) To document compliance with Condition D.1.12, the Permittee shall maintain the following:

(1) Documentation of all response steps implemented, per event .

(2) Operation and preventive maintenance logs, including work purchases orders, shall be maintained.

(3) Quality Assurance/Quality Control (QA/QC) procedures.

(4) Operator standard operating procedures (SOP).

(5) Manufacturer's specifications or its equivalent.

(6) Equipment "troubleshooting" contingency plan.

(d) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

D.1.14 Reporting Requirements

(a) A quarterly summary of the information to document compliance with Condition D.1.1 shall be submitted to the address listed in Section C - General Reporting Requirements, of this permit, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the quarter being reported.

(b) A quarterly summary of the information to document compliance with Condition D.1.2a shall be submitted to the address listed in Section C - General Reporting Requirements, of this permit, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the quarter being reported.

(c) A quarterly summary of the information to document compliance with Condition D.1.5a shall be submitted to the address listed in Section C - General Reporting Requirements, of this permit, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the quarter being reported.

SECTION D.2 FACILITY OPERATION CONDITIONS

Plant #1
One (1) 30,000 gallon liquid asphalt storage tank for asphalt cement.
One (1) 20,000 gallon liquid asphalt storage tank for asphalt cement.

Plant #2
Two (2) 30,000 gallon liquid asphalt storage tanks.
One (1) 15,000 gallon liquid asphalt storage tank.

D.2.1 Volatile Liquid Storage Tanks [326 IAC 12]

The Plant #1 and Plant #2 storage tanks shall comply with the New Source Performance Standards (NSPS), 326 IAC 12 (40 CFR Part 60.116b only, Subpart Kb). 40 CFR Part 60.116b requires the permittee to maintain accessible records showing the dimension of each storage vessel and an analysis showing the capacity of the storage vessel. Records shall be kept for the life of the storage tanks.

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR MANAGEMENT
COMPLIANCE DATA SECTION

FESOP Quarterly Report

Source Name: Sellersburg Stone Company
Source Address: 1019 East Utica Street, Sellersburg, IN 47172
FESOP No.: F019-5424-03109
Facility: Plants #1 and #2 Aggregate Dryer Burners
Parameter: Nitrogen Oxides
Limit: The combined natural gas usage from Plants #1 and #2 shall be limited to 682.15 million cubic feet (MMcf) per twelve (12) consecutive month period.

YEAR: _____

Month	Natural Gas Usage This Month (MMcf)	Natural Gas Usage Previous 11 Months (MMcf)	12 Month Total Natural Gas Usage (MMcf)

9 No deviation occurred in this quarter.

9 Deviation/s occurred in this quarter.
Deviation has been reported on: _____

Submitted by: _____
Title / Position: _____
Signature: _____
Date: _____

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR MANAGEMENT
COMPLIANCE DATA SECTION

FESOP Quarterly Report

Source Name: Sellersburg Stone Company
Source Address: 1019 East Utica Street, Sellersburg, IN 47172
FESOP No.: F019-5424-03109
Facility: Plants #1 and #2 Aggregate Dryer/Mixers
Parameter: Particulate Matter
Limit: The combined total production of asphalt mix in Plant #1 and Plant #2 shall be limited to 4,000,000 tons per twelve (12) consecutive month period. During the first twelve (12) months of operation, the production of asphalt mix shall be limited such that the total production divided by the accumulated months of operation shall not exceed 333,333 tons per month.

YEAR: _____

Month	Asphalt Mix Produced This Month (tons)	Asphalt Mix Produced Previous 11 Months (tons)	12 Month Total Asphalt Mix Production (tons)

9 No deviation occurred in this quarter.

9 Deviation/s occurred in this quarter.
Deviation has been reported on: _____

Submitted by: _____
Title / Position: _____
Signature: _____
Date: _____

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR MANAGEMENT
COMPLIANCE DATA SECTION

FESOP Quarterly Report

Source Name: Sellersburg Stone Company
Source Address: 1019 East Utica Street, Sellersburg, IN 47172
FESOP No.: F019-5424-03109
Facility: Plants #1 and #2 Aggregate Dryer/Mixers
Parameter: Volatile Organic Compounds (VOC)
Limit: The input VOC usage in the production of cold mix cutback asphalt shall be limited to 78.6 tons per twelve (12) consecutive month period based on 95% volatilization. During the first twelve (12) months of operation, the input VOC usage shall be limited such that the total usage divided by the accumulated months of operation shall not exceed 6.55 tons per month.

YEAR: _____

Month	VOC Usage This Month (tons)	VOC Usage Previous 11 Months (tons)	12 Month Total VOC Usage (tons)

9 No deviation occurred in this quarter.

9 Deviation/s occurred in this quarter.
Deviation has been reported on: _____

Submitted by: _____
Title / Position: _____
Signature: _____
Date: _____